(Ws CS (amort)

(1953) Department.

Ts. SERIES.

G.O. NO. 290

Dated 4.2.53

Passed
4/2/53

(CMO 796/53 AJHAD)

G.O at p. 1354

[Despatch Abstract.]

CPs — South Kanara area — Communications — Construction of a foot bridge at Pachanady village — estimates Sanctioned.

(1) 897

Ref.C.No.84/53-B. Office of the Project Executive Officer,
South Kanara, Mangalore Dt. 8-1-1953.

From

Sri G.Simhadri, B.A.,
Project Executive Officer,
Mangalore.

ACCOUNTS & AUDIT OFFICER,
(COMMUNITY PROJECTS)
15 JAN 1953
PUDUCHERRY

To

The Director of Community Projects and
Ex-Officio Secretary to Government,
Fort St.George, Madras 9.

.....

Sir,

COMMUNITY PROJECTS - South Kanara - Communications - Construction of a foot-bridge at Pachanady - Estimate - Sanction - Requested.

.....

I submit herewith an estimate in duplicate with the site plan etc. for the construction of a foot-bridge at Pachanady. The foot-bridge is to be consetructed across the channel in S.No.46 of Pachanady village. The Bondel Elementary School is located to the west of the channel and the children coming from the eastern side, find it difficult to cross it during the rainy season. Persons catching the city bus at Bondel have also to cross the stream here. A foot-bridge at the site proposed is therefore quite essential for the villagers. The work was approved by the firka committee and the Project Advisory Committee.

2. The estimate is for Rs. ~~2,400/-~~ 2400/- The Bharat Sevak Samaj, Pachanady has undertaken to contribute 1/3 cost i.e. Rs. 800/- The Community Project will have to bear the remaining expenditure i.e. Rs. 1,600/- As the work is a useful one, I request that it may be sanctioned urgently on the basis of 1/3 contribution from the villagers.

PROJECT EXECUTIVE OFFICER. 10.1

Enclosure
Estimate in duplicate.

9/1/53

Report to accompany the estimate for Constructing a foot-bridge at Pachanady.

(3 Sthe 2359/7

This estimate provides for the Construction of a foot-Bridge across which runs between fields at Pachanady. The land is about 32'0 in width and during monsoon people going to Church find very difficult to cross there. Hence it is proposed to provide a foot bridge.

The proposal is to provide a foot-bridge of 3-9 Clear width of 150 clear. The deck portion is carried over by two longitudinal which is to be of random rubble masonry abutments & piers & the spans are filled by bowing down Cuddapah stone Cement bed blocks. The foundation is taken to a depth of 4'0 below good soil with Cement Concrete 1:4:8. The abutment and piers are of random rubble in C.M 1:4 with wooden decking to by spikes etc as shown in plan.

Necessary provision is also made for the bankcut retaining walls, handrails etc on both sides.

Soil pavement Cond. will be taken as less % about % of value due to pulling of cross bond soil particles at the plain stone good Sandy Laterite etc. above ground level

Hence if good base is not available, the foundation would be taken deeper accordingly.

Submitted Dr. Dec. 17-52.

2. The foot bridge proposed to be constructed and for which the estimate has been prepared by the Supervisor, is across the S No 46 of Pachanady Village, registered as Pramboke Channel...

DIVISIONAL ENGINEER'S OFFICE (HIGHWAYS) MANGALORE 4-NOV 1952

There is no objection to put up the foot bridge at the place marked on the eye sketch. The Bondel Elementary School is located to the west of the Channel and Children coming from the eastern side find it very difficult. During monsoon the water flows very swiftly and when in floods it flows over the fields on either side. In fact there is already a foot Bridge about a mile to the South of this locality across the same khadi put up by the District Board. But that Bridge is not useful to the Villagers of Pachanady residing on the northern side. Pedestrians catching the City Bus at Bondel have also to cross here. A foot Bridge at this place is very necessary and the Villagers have promised to collect a Contribution of 50/- of the total cost. The work may be sanctioned subject to the collection of 50/- Contribution. It may be possible to entrust the work to the Bharat Sevak Samaj of Pachanady.

P.K. Narayanan
Asst. S/D Dy. Officer

Foot Bridge at Peshawar

Design of deck slab :-

Clear span = 3'-6"

Dead weight = 3-6 × 1 × 1/6 × 50 lbs ——— 29 lbs
extra for kerb handrail etc. ——— 6 ×
live load at 80 lbs/sqft = 3-6 × 80 ——— 35 lbs
——— 280
——— 320 lbs

Stiffness formula $K = 150 b d^3 / L^2$

Let 'b' = 12"

$d^3 = \frac{320 \times 3\frac{1}{2} \times 3\frac{1}{2}}{150 \times 12} = 2.18"$ $d = 1.296"$

Hence the thickness of 2" provided is quite sufficient

2) Beam

Wt of timber (one half only) = $\frac{75}{2}$ sft 50 ——— 1875 lbs
~~3000~~
live load = 15 × 3-9 × 80 lbs ——— 4500
total 6375 lbs

Here load active on one beam = 3188 lbs

Stiffness formula $W = 150 b d^3 / L^2$ Let b = 7"

$d^3 = \frac{3188 \times 15 \times 15}{150 \times 7} = 683$

$d = 8.81"$

Here a section of 7" × 9" provided is sufficient

3) ~~Abutment~~ Pier

Wt of timber as above ——— 1875 lbs
Live load 17-6 × 3-6 × 80 ——— 4900
total 6775

load on stem ——— 6775 lbs
Wt of masonry 12 × 2-0 × 8 × 140 — 26880
" footing 1 × 3-0 × 8-6 × 140 — 3570
" 1 × 4-0 × 9-6 × 140 — 5320
Coping 1 × 5-6 × 1-0 × 140 — 8470
total 51015 lbs

P.T.O.

2

6

Bearing area : 5-6 x 11" = 60.5 sqin

Horse power = $\frac{5\,1015}{60.5}$ = 8446 or 0.30 hp

against 1.5 to 2.5 hrs per hour saw ——

Lead statement

1) Granite :— 1 Fitting head load (from a quarry just above the Bridge while Bridge Gang Jetty etc are manufactured by a Company)

2. Saw :— 1 Mile Head load (a good saw is available about 1 mile above the Bridge when the stream joins the Gurpur River)

3. Cement :— 8 MMR ½ M HD load (from Mangalore)

4. Timber :— 8 MMR ½ M HD load (Do ——)

Certified that the loads noted above are correct to the best of my knowledge

Shankar Rao
24.12.52
Supervising CP

Bhagavandas
6/1/53
T.E

DETAILED ESTIMATE.

8,72,478—4-11-49. C.F. 150 (1).

District Construction of Foot Bridge — Taluk

Village and Survey at Pachavad — Date and cost of original construction

Name and number of work — Date and cost of last repairs

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
(1) Earth work excavation in all soils excepting rock or requiring blasting — including lead and lifts including filling on sides						
for abutments	2	9-6	7-6	13-0	1852	
Pier	1	11-0	5-6	5-0	303	
Extra for steps etc			Ls		345	
				Total.	2500 cft.	
2. Concrete Rubble stone in Cement mortar 1:4:8. using 1½" metal						
for abutments.	2	9-6	7-6	1-0	143	
" Pier	1	11-0	5-6	1-0	61	
Bottom of steps	2+3	2-0	1-0	1-0	12	
				Total.	216 or 225 cft.	
3. Random rubble in Cement mortar 1:4.						
abutment 1st portion	1×2	8-0	6-0	1-0	96	
" 2nd "	1×2	7-0	5-0	1-0	70	
~~3rd "~~	~~1×2~~	~~6-0~~	~~4-0~~	~~1-0~~		
top	1×2	6-0	2-0+4-0 / 2	12-0	432	
Side of beam	1×2	6-0	2-0	1-0	24	
Pier Bottom	1	9-6	4-0	1-0	38	
"	1	8-6	3-0	1-0	26	
"	1	6-0	2-0	12-0	144	
for Cut waters	2	22/7 × 1 × 1 / 2		11-0	35 ~~32~~	
Steps Bottom	2	4-0	5-0	1-0	40	
2nd	2	4-0	4-0	0-9	24 ~~30~~	
3rd 14"	2	~~2-8~~	3-0	1-6	36	
Extras			Ls		35 ~~32~~	
				Total.	1000 cft.	
4) Rough stone dry packing 1'-0 thick for revetment	4	4-0	11-0	1-0	176	
Extras			Ls		24	
				Total.	200 cft.	
5. Best Country wood wrought and set up —						
longitudinal beams.	2×2	~~35-0~~ 18-0	0-9	0-9	~~2700~~ 1350	
Posts	6×2	2-6	0-3	0-3	1.88	
Struts	6×2	2-6	0-3	0-3	1.88	
top hand rail	2	35-0	0-3	0-2	2.92	
Centre "	2	35-0	0-2	0-1½	1.46	
Iron	2	35-0	0-3	0-3	4.38	
Decking	1	35-0	~~8-4~~ 4-6	0-2	26.25	
extra for laying pegs	6×2	2-0	0-6	0-2	2.00	
Extra for cuts etc.			Ls		2.73	
				Total.	75.0	

C.F. 150 (1)

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
Pointing with Cement mortar 1:4						
Abutment	2	10-0	11-0		220	Not necessary Since the masonry is R.R. in cement mortar (1:4) the joints may be finished flush by trowelling during construction.
Pier	1	20-0	11-0		220	
Steps etc	2	4-6	5-0		45	
Extra			Ls		15	
				Total	500	
Framing with hot Coal tar	2	Costly.				
	1		1'-8"		192	
Beams	2x2	18-0	2-6		+80	
Posts	6x2	2-6	1-0		30	
Struts	6x2	2-6	1-0		30	
top handrail	2	35-0	0-6		58	
Centre	2	35-0	0-7		41	
kerb	2	35-0	1-0		70	
Decking	17	35-0	9-4		327	
Extra for ends etc			Ls		152 64	
				Total	800	
Supplying and fixing Wing down bolts 2 Lo. long 3/4" dia screw fashion to beam ends	2X4				8 Nos	
Supplying and fixing 4 fixtures 9" to 6" long					Ls 1	
Extra for baling out water and any other unforseen work					Ls 1	
Petty Supervision and Contingencies					Ls 1	

Shamsuddin
25.10.52
Supervising Chief Mistry

Bhagwandas Rai
6/1/53.
T.I.

P.W.D./T.P.

Data sheet to accompany the estimate for Constructing 7

a foot bridge at Pachaud.

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total.
1	Earth work excavation in foundation								
100 cft	Sq 20B	21	6	-	100 cft	21	6	-	
2	Cement mortar 1:4.								
100 cft	Sand	2	2	-	100 cft	2	2	-	
80/4	Cement	87	8	-	1 Ton	87	8	0	
100 cft	Sand Lead 1 mile (@ load	21	6		100 cft	21	6	-	
25 cft	Cement 2 MILE 1/2 M (@ load	50	11	6	"	12	10	10	
100 cft	Sundries Charges	3	12	-	"	3	12	-	
	Sundries					-	3	2	
						128	-	-	100 cft
3	Concrete Cement stone in Cement mortar 1:4:8								
100 cft	1/2" metal.	23	-	-	100 cft	23	-	-	
50 cft	mortar.	128	-	-	"	64	-	-	
1/2	Mason 1st Class	2	12	-	each	1	6	-	
5	Man Mazdoor.	1	8	-	"	7	8	-	
4	Woman Mazdoor	-	12	-	"	3	-	-	
100 cft	Lead 1 mile (@ load	2	14	-	100 cft	2	14	-	
	Sundries					-	4	-	
						103	-	-	
						102	-	-	
4	Random rubble in Cement mortar 1:4.								
100 cft	Rough stone	16	-	-	100 cft	17	9	7	
34 cft	mortar	128	-	-	"	43	8	4	
5	Mason 1st Class	3	2	-	each	15	10	-	
4	Man Mazdoor.	1	8	-	"	6	-	-	
4	Woman -do-	-	12	-	"	3	-	-	
100 cft	Lead as above.	2	14	-	100 cft	3	2	7	
	Sundries					-	5	16	
						89	4	-	89-4-0
5	Pointing over Cement mortar 1:1.								
1 cft	Mortar.	130	6	-	100 cft	1	4	10	
1 1/2	Mason.	3	2	-	each	4	11	-	
1/2	Man Mazdoor.	1	8	-	"	0	12	-	
1	Woman	-	12	-	"	-	12	0	
	Sundries						2	2	
						7	10	-	
6	Rough stone dry packing								
100 cft.	Rough stone	16	-	-	100 cft	17	9	7	
1	Wooden	3	2	-	each	3	2	-	
3 1/2	Man Mazdoor.	1	8	-	"	4	8	-	
2	Woman -do-	-	12	-	"	1	8	-	
100 cft	Lead as above	2	14	-	100 cft	3	2	7	
	Sundries					-	1	5	
						31	10	-	

10

P.W.D. 9-D.

Data sheet to accompany the estimate for _____

Quantity.	Description of work.	Rate. Rs.	A.	P.	Per	Amount. Rs.	A.	P.	Total
(7)	Best country wood wrought and put up →								
1 cft	Sal wood cots + work	7	2	-	1 cft	7	2	-	
2½ "	Carpenter	3	6	-	each	1	11	-	
1 "	Man Magdoor.	1	8	-	each	1	8	-	
1 cft	Iron SMMR ½ MW W	62	12	-	100 cft	-	6	9	
	Sundries			6	-	-	4	3	
						11	-	-	
8.	Painting with best Coal tar 2 Coats.								
8½ Sft	Coal tar	-	4	-	100 Sft	2	2	-	
1½ "	Man Magdoor	1	8	-	each	2	4	-	
	Sundries & Carriage					-	6	-	
						4	12	-	
(9).	Supplying and fixing bolt fixed down bolts-								
2	Long 3¾" or with necessary washers etc.								
each	Local rate-	2	-	-	each				

Inspection Note: Work satisfactorily done. Bill may be passed for payment.

Executive Engineer
25-10-52.

Checked measurements & Rates
6/11/52

ESTIMATE FORM—Abstract.

Item number. (1)	Quantity. (2)	Description of work. (3)	Rate. (4)	Per (5)	Amount (6)	Total. (7)
			RS.		RS.	RS.
2500 c.ft.	Earth work excavation in all pits excepting rock		2 1/6	100 c.ft	54	
	expose bolastic etc.					
225 c.ft.	Concrete Cookum Slate in Cement mortar 1:4:8		102/-	100 c.ft	230	
1000 c.ft.	Random rubble in Cement mortar 1:6		89-4-0	c	893	
200 c.ft.	Hengholaie dry packing		30/-	c	60	
75 c.ft.	Best country wood wrought and put up.		11/-	1 ch	825	
~~300~~	~~Pointing with Cement mortar 1:4~~		~~7/10~~	~~100 sq~~	~~38~~	
800 Sq.ft.	Fencing with best Cane for 2 Coats		4/12	c	38	
	Supplying and fixing bearing bamboos					
8 Nos.	20 long 3/4" or with necessary flats		2/-	Cor	16	
Ls.	Supplying and fixing spikes 6" 156 long		— Ls —		20	
Ls.	Extra for taking out water and for any		— Ls —		100	
	new unforseen items - Sundries charged at.				114	
Ls.	Petty supervision and contingencies.		Ls.			
			Total.		~~2300~~	2350/-
						2350/-

Examined
25.10.52
Superintending Engineer.

Executive Engineer
I. E. 6/11/52

P.W.D. V-12 (Outer)—58,685—3-6-49.

12

(E. N. 31.)

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS).

ESTIMATE FORM—Abstract.

Financial head—

Budget head—

Departmental head—

Main head—

Sub-head—

Project of which the work forms part—

Section—

Name of work— Construction of a foot-bridge at Pachanad.

Amount of Estimate, Rs. ~~2300/-~~ 2350/-

To be carried out by—

REFERENCES.

The estimate has been scrutinised and is in order.

Sd/- Samuel.
20-1-53.
Supervisor.

Amount of Estimate. Rs. 2350/-
Amount of 1/3 Contribution Rs. ~~800/-~~ 780/-
~~1550/-~~
Amount of Sanction Rs. ~~1570/-~~ 1550/-

Sanctioned for Rs. ~~1570~~ 1550 (Rupees ~~One thousand five hundred and fifty~~ One thousand five hundred and fifty) only.

O/c 30.1.53

Director of Community Projects
Public (C.P.) Department.

20/1/53

20/1/53

30/1/53

(C.ND.897/53).

13

PUBLIC (COMMUNITY PROJECTS-II) DEPARTMENT

G.O. Ms. No. 290 dated 4-2-1953.

Abstract: COMMUNITY PROJECTS - South Kanara Area - Communications - Construction of a foot-bridge at Pachanady Village - Estimate - Sanctioned.

Read: From the P.E.O., Mangalore, Ref.C.No.84/53-B, dated the 8th January 1953.

ORDER:

Sanction is accorded to an expenditure not exceeding Rs. ~~1570/-~~ 1550 (Rupees one thousand five hundred and ~~seventy~~ Fifty) only, being about two-thirds of the estimated cost of constructing a foot-bridge at Pachanady Village of Mangalore Taluk. The balance of Rs. ~~780/-~~ 800 (Rupees ~~seven hundred and eighty~~ Eight hundred only) should be contributed by the Bharat Sevak Samaj, Pachanady. The P.E.O. should ensure satisfactory execution of the work according to the plan and estimate and submit the completion reports to Govt. in due course.

2. The expenditure ~~will~~ should be debited to "63.B. Community Development Projects - II Community Projects - b. Communications ~~5. Other charges~~". (Bridges)

3. The estimate for Rs. ~~2350/-~~ for constructing the foot-bridge is returned herewith duly sanctioned together with the plans and sketches in original.

24/1/53

30/1/53

To

The P.E.O., Mangalore
(with ~~duplicate~~ copy of estimate, and plan of Foot-bridge & Eye-sketch ~~in original~~).
The A.G., Madras.
Copy to Pub.(C.P.-Accts.)Dptt.
S.F. — Copy in SP
4 S.Cs.

(Call Book entry dt. 28th March 1953)
Copy to CP-Technical.
CBM.14

Action taken in CMo 7976/53(C Pamidi)

Note: Please see letter from the P.E.O., Mangalore in C.F. He requests sanction to the work of constructing a foot-bridge at Pachanady village of Mangalore Taluk costing Rs.2350/- on the basis of 1/3rd contribution by the villagers. The necessity for the work is fully explained by the P.E.O.

2.

12

The estimate has been scrutinised and is in order. The estimate may be sanctioned for Rs.1570/- only, being 2/3rd of the estimated cost of the work i.e. Rs.2350/-). The draft Order above sanctioning an expenditure for Rs.2350/- is submitted for approval. The two copies of the estimate may be countersigned.

SO/A.C.P.

24/1/53.

As local contribution is estimated at Rs 800/- the ~~cost~~ debit to C.P. Funds will be Rs 1550/- only. The estimate (duplicate) & the draft order higher officers approved

Thro' Pub.(C.P.-Accts).

25/1/53.

30/1/53

(Issued as per Memo. No. Pub.(C.P.) 4-2-53).

Public (Community Projects-Audit) Dept.

Memorandum No. 7976 Public (C.P.Audit)/53-1 d/- 24 A. 53

Sub:- Community Projects - South Kanara area - Communications - Construction of a foot bridge at Pachanady village - Completion Report.

Ref:- G.O.No.Ms.290 Public (C.P.) Department, 4.2.53.

The Project Executive Officer, Mangalore is requested to expedite the submission of the completion report called for in the Government Order cited.

To the P.E.O.,
Mangalore
(R.D. & ~~weeks~~)

Note.- P.T.O.

2

Note.-

The draft memo. put up above may be approved, as the completion report due from the P.E.O., Mangalore has not been received yet.

9789

3

Ref.C.No.84/53-B.

Project Executive Office, S.Kanara,
Mangalore, Dated 6-5-1953.

From

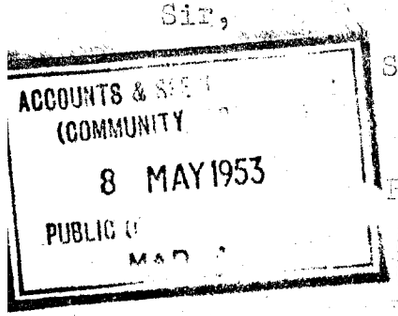
Sri G.Simhadri, B.A.,
Project Executive Officer,
Mangalore.

To

The Director of Community Projects
and Ex-Officio Secretary to Govt.,
Fort St.George, Madras 9.

..

Sir,



Sub: Community Projects - South Kanara area - Communications - Construction of a foot-bridge at Pachanady - Completion report.

Ref: Govt.Memo.No. 7976 Pub.(C.P.Audit)/53-1 dated 24-4-53.

..

The work was entrusted to the Pachanady Village Committee for execution. The Committee has collected the materials required, but the work could not be completed for want of cement. Cement has since been supplied and work is in progress. The completion report will be submitted as soon as the work is completed.

Public (C.P. Audit)

PROJECT EXECUTIVE OFFICER. 6/-

T/6.5.

To Lo Tall 30.6.53

9.5.53

9/5/53

4

Ex. Reminder
dt. - 8.53

26(8).

Ref.C.No.84/53-B.

Project Executive Office, S.Kanara
Mangalore, dated 26-6-1953.

From

Sri K.Simhadri, B.A.,
Project Executive Officer,
Mangalore.

To

20764

The Director of Community Projects
and Ex-Officio Secretary to Govt.,
Fort St.George, Madras 9.

.....

ACCOUNTS & GENERAL BRANCH (COMMUNITY PROJECTS)
2 JUL 1953
PUBLIC (C.P.) DEPARTMENT.
MADRAS

Sub: Community Projects - South Kanara area - Communications - Construction of a foot bridge at Pachanady village - Revised estimate - Sanction - Requested.

...

Ref: G.O.Ms.No. 290, Public (C.P.)Department, dated 4-2-1953.

*****

The construction of a foot-bridge at Pachanady village was sanctioned in the Government Order cited, at an estimated cost of Rs. 2,350/- out of which, an expenditure of Rs. 1,550/- is to be borne by the Community Project and the balance of Rs. 800/- by the Bharat Seva Samaj, Pachanady. While executing the work, certain deviations from the sanctioned estimate were found necessary. I submit herewith a revised estimate for favour of necessary sanction. The necessity for the revision has been explained by the Assistant Engineer in his report dated 22-6-1953. A comparative statement of differences prepared by him and the sanctioned estimate are also enclosed. The revised estimate is for Rs. 1,980/- as against the sanctioned estimate of Rs. 2,350/-

2. The original estimate was sanctioned on the understanding

p.t.o.

4/16

that 1/3rd of the cost was to be met by the Bharat Sevak Samaj, Pachanady. The cost of the work according to the revised estimate is Rs. 1,980/- The proportionate contribution payable by the Bharat Sevak Samaj at 1/3rd of the total cost, works out to Rs. 660/- The balance of Rs.1,320/- has to be borne by the Community Project. The work has been completed but final payment has not been made pending sanction of the revised estimate. The revised estimate may be sanctioned for Rs. 1,320/-

PROJECT EXECUTIVE OFFICER

T/26.6.

2/6 C/F Received

6/7 3/7/53

Pub (CP. Audit) (A-1) Dept

Memo No. 7976 Pub (CP. Audit) 53-2 dt. 9-

-3-

Sub- Community Projects- South Kanara Area- Communications- Construction of a foot bridge at Pachanady village- Revised estimate-

Ref- From the P.E.O. Mangalore - ref. CNo 84/53-B dated 26-6-'53. ___

The revised estimate for the construction of a foot-bridge at Pachanady village, received with the letter cited is herewith returned. The P.E.O. Mangalore is requested to amend the revised estimate in the light of the following remarks.

1) As there is no excess, the estimate should be in the form of a workslip, together with the detailed measurements. This would exhibit the work completed and the work to be done. In any case the stage of progress ought to have been noted in the Comparative Statement

2) For the sales of items R.S. beams and Holding down bolts, necessary Certificates that they are the lowest market rates Arrived at after obtaining Competetive quotations, may be furnished. If not, the reasons may be noted.

3) The work has been reported as having been Completed. Hence the lump sum of Rs 20 provided for the Supply and fixing of spikes should be replaced by the number of Spikes paid for and the rate and actual amount paid.

4) The provision for bailing water is noted in the detailed Sheets and detailed abstract. But is not noted under column 8 of the Comparative Statement, nor under column 10, if this was not utilised. This provision need only be included if actually incurred. If actually incurred, a note has to how the bailing of water was pr

should be added in the column set apart for explanation of differences.

5. It should also be reported whether the revised provision of Rs 99 for Contingencies and petty Supervision charges was actually incurred. The provision for Contingencies and petty Supervision charges, is generally made at about 5% of the Cost of items of work and is limited to 2½% each for contingencies and petty Supervision As the work is almost completed and as all the unforeseen works have been provided for elsewhere, the 2½% for Contingencies may be omitted. The provision of 2½% for petty Supervision alone, may be allowed in the revised estimate, only if Supervisory staff as Mistry etc was engaged on the work and was paid ~~out of the estimate for~~.

The ~~revised estimate~~ work slip may be resubmitted early for sanction

SI. No. 8/7/53
8-7-53 S/8/7/53

EE 7/53.

Note:- Please see the letter from the PEO. Mangalore at p. 5 cf. The revised estimate, though falling short of the original estimate, ought to include only the actual work done, in as much as the work is reported as having been completed. The self-explaining draft may please be approved

SI. No. 8/7
7-53 S/8/7/53

97/53.

Dated (w.e. by R.P.)
(3/7/53)

(By regd post)

To
The PEO. Mangalore
(with enclosures)

Dated 27/8/53 R.D. 3 weeks.

EE ls. 26.8.53

RD 15-9-53

No. 2645 S/26/8/53

Ref.C.No.84/53-B.

Project Executive Office, S.Kanara
Mangalore, d/- 27th August 1953.

From

Sri G.Sivaduni, B.A.,
Project Executive Officer,

To

The Director of Community Projects
and Ex-Officio Secretary to Govt.,
Fort St.George, Madras 9.

ACCOUNTANT GENERAL
(COMMUNITY PROJECTS)
MADRAS
5 SEP 1953
PUBLIC (C.P.) DEPARTMENT

25517

Sub: Community Projects - South Kanara - Communications
Construction of a foot bridge at Pachanady -
Revised estimate - Resubmitted.

Ref: Government Memorandum No. 7976, Public (C.P.Audit)/53-2 dated 9-7-1953.

.....

A work-slip together with detailed measurements is submitted.

2. As the R.S.beams and holding down bolts were purchased from a Government Department i.e. The Karnataka Polytechnic, Mangalore, the certificate that the rates are the lowest in the market was not furnished.

3. The actual number of spikes paid for and the rate and actual amount paid are noted in the work-slip.

4. A provision of Rs. 25/- is made for baling water. The Supervisor reports that the labour for baling out water was actually engaged by the beneficiary and the labour employed was watched by him. The Assistant Engineer reports that the usual procedure followed in the Public Works Department in the execution of work which is not susceptible of measurement is through departmental labour. The departmental Officer will have to maintain a nominal muster roll which will be passed by the competent authority and the amount disbursed by the Departmental Officer. But this procedure cannot be followed in the Community Project. The work is done by the beneficiary. No maistry is usually placed in charge of a work for supervision. The Supervisor, who is in charge of several works cannot be expected to be present on all the days when baling of water is done. The Government have also issued instructions in Memorandum No.7784 Public (C.P.Audit)/53-1 dated 22-4-1953 that the Public Works Department procedure need be followed only in the case of works executed departmentally. The amount will have to be paid on the vouchers to be produced by the beneficiary. The amount has not been paid so far. It may be ordered to be paid. It will be paid in the same proportion in which Community Project fund was paid for the work i.e. 2/3rds of the cost incurred.

5. No supervision charges have been incurred as there was no departmental maistry for the work. Hence, no provision is made in the work slip for petty supervision charges.

6. The report dated 10-8-1953 of the Assistant Engineer, work-slip and comparative statement in duplicate and the sanctioned estimate are enclosed.

PROJECT EXECUTIVE OFFICER.

T/1.9.

Ref.C.No.84/53-B

Project Executive Office, S.K.
Mangalore, d/- 18th September 1953.

From

26642 Sri G.Simhadri, B.A.,
Project Executive Officer,
Mangalore.

To

The Director of Community Projects
and Ex-Officio Secretary to Govt.,
Fort St.George, Madras 9.

.....

Sir,

Sub: Community Projects - South Kanara - Communications - Construction of a foot bridge at Pachanady - Baling water - Mode of payment - Instructions.

Ref: 1. Govt.Memo.No.7976, Public (C.P.Audit)/53-2 dated 9-7-1953.
2. This Office Ref.C.No.84/53-B d/- 27-8-1953.

...

I request early instructions regarding the procedure to be followed in making payment for baling water.

PROJECT EXECUTIVE OFFICER.

T/18.9.

Pub (CP Audit) Dept

Memo No 7976 Pub (CP Audit) 53-3 dt 25.9-53

Sub:- Community Projects- South Kanara Area- Communications- Construction of a foot-bridge at Pachanady- Workslip - Approved

Ref:- From the PEO. Mangalore reg No C. 84/53-B dated 27-8-53

The workslip for the Construction of a footbridge at Pachanady for Rs 1728 is hereunto returned approved. The PEO. Mangalore may make payment to the beneficiaries at the rates of the actual value of work done, ~~and~~ measured and recorded.

2) The PEO Mangalore is also informed that it may not be necessary to prepare workslips for approval in cases where the deviations do not go to increase the cost of the estimate. It may be sufficient if the deviation alone is got approved in time. The changes may be explained in the Completion report to be prepared at the close of the work.

3). The procedure of the PWD for payment of work done which is not susceptible of ~~work~~ de measurement, may be adopted. So as to ensure that the actual work done may be ascertained and checked. If the beneficiaries do the particular item of work, a muster roll listing the actual labour employed may be maintained by the beneficiaries and checked by the departmental staff. This would serve as the basis for payment to the beneficiaries

4) The Completion report for the work may be expedited

21-9-53

Note

Please see the letter from the PEO Mangalore at p. 9 cf. The PEO has recast the revised estim

details when he passes the work correctly, it would

Received No 2879/26

(By Regd. post)
To The PEO. Mangalore (with enclosures)

SF. 2 - Copy sent for info
Spare. 2.

RD. 1 month.

ER 28/10.53
RD 15.11.53

in the form of a work slip and carries out the corrections pointed out in memo at p 7 of the cost of work done comes to Rs 1728/- against the estimate for Rs 2350/- The savings is mainly due to reduction in foundations as rock occurred higher than anticipated and as rolled steel joists were used in place of wooden beams.

The PEO may also be told of the procedure to be adopted in Similar cases in future as detailed in the draft overleaf.

The PEO reports that the work was undertaken by the beneficiaries on the basis of payment of 2/3 value of work done. Hence they may not be bound to meet the cost of 1/3 of the estimated cost of the work i.e Rs 2350 x 1/3 or Rs. 783/. Hence he asks that he may be permitted to pay the beneficiaries who executed the work at 2/3 of the value of work done. This may be conceded.

As no extra expenditure is involved, revised sanction need not be accorded. The work slip may simply be approved. The savings may then be displayed as such.
The draft memo overleaf may please be approved
The work slip may also be countersigned

SR
21.9.53

21/9/53

21/9/53

21.9.53

T 15

7896

Ref.C.No.84/53-B.

Project Executive Office, S.K.
Mangalore, d/- 2nd February, 1954.

ACCOUNTS AND SPECIAL OFFICER
6 FEB 1954
AGRICULTURE DEPARTMENT

From

Sri H.Narasimha,
Project Executive Officer,
Mangalore.

To

The Director of Community Projects,
Agriculture (C.P.) Department,
Fort St.George, Madras 9.

.....

Sir,

Sub: Community Projects - South Kanara area - Communications Foot bridge at Pachanady - Completion Report - Submitted.

B·134 (F)

Ref:1)G.O.Ms.No.290 Public (C.P.) Dept., d/- 4-2-1953.
2)Government Memorandum No. 7976 Public (C.P.Audit)/53-3 dated 25-9-1953.

B·134 ——

*****

The foot bridge at Pachanady sanctioned in the G.O. cited first above, has been completed. I submit herewith the Completion Report together with the approved plan with the prescribed certificate.

H Narasimha 2/2

Project Executive Officer.

Copy to the Accountant General, Madras with a copy of the completion report.

T/2.2 N 2/2

(1a) Earth work Excavation in all soil except rock regarding blasting including initial lead and lift includes fillers in trench	2500 cft	21	6	0	54	0	0	1561 cft	21	6	0	33	5	0	9.394 cft
(2) Blasting, removing and stacking for measurements	—	—	—	—	—	—	—	51 cft	25	0	0	12	12	0	51 cft
(3) Cement Concrete 1:4:8 using 1½" gauge hard broken metal	225 cft	102	0	0	230	0	0	139 cft	102	0	0	141	12	0	86 cft
(3) Random Rubble masonry in Cement mortar 1:4	1000 cft	89	4	0	893	0	0	768 cft	89	4	0	685	7	0	232 cft
(4) Rough Stone dry packing for Revetment	200 cft	30	0	0	60	0	0	200 cft	30	0	0	60	0	0	—
5) (a) Best Country wood wrought and put up	75 cft	110	0	0	825	0	0	46.194 cft	110	0	0	486	10	0	30.810 cft
(b) Supplying and fixing R.S. Joists 7" x 4" 13 lbs per Rmg	—	—	—	—	—	—	—	4 Nos	52	0	0	208	0	0	4 Nos
(6) (a) Tarring with Coal Tar & Coats	800 sft	4	12	0	38	0	0	628 sft	4	12	0	29	14	0	174 sft

Name of work :- Constructing a foot bridge at Pachanadi village Est No 2350/- Sanc 1580/- Work slip approved memorandum 7976/25-9-53 Sanc 1784/- community project DEPARTMENT. South Canara. Mangalore.

C.F. 296

Completion Report.

Estimate.	Date of Commencement. (2)	Date of Completion. (3)	Passing by the (4)	Particulars. (5)	As estimated. Quantity. (6)	Rate. (7)	Amount. (8)	As executed. Quantity. (9)	Rate. (10)	Amount. (11)	Difference (excess to be shown in red ink). Quantity. (12)	Rate. (13)	Amount. (14)	Explanation for the difference. (15)
				(6) painting with red oxide paint-	-	-	-	17058	7 0 0	11 14 0	17058	- - -	11 14 0	Explanation in work approved vide memorandum no 7976 -s
				17) Supplying and fixing holding down bolts 2'-0" long 3/4" dia with base plate --	8 NOS	2 0 0	16 0 0	8 NO	2 0 0	16 0 0	-	- - -	- - -	
				8) Extra for baling out water already executed.	LS	LS	100 0 0	LS	- -	25 0 0	LS	- -	75 0 0	— do —
				9) Petty supervision and contingency charges	LS	LS	114 0 0	LL	L	-	-	- -	114 0 0	— do —
				10) Supplying and fixing Spiers — — —	LS	LS	20 0 0	70 NO	0 4 0	17 8 0	LS	- -	2 8 0	— do —
										1727 -				

Total .. 1727 - -
Amount paid .. 1151 - - (1151-5-)
Amount of 15 per cent deductions withheld .. 576 - -

Amount actually paid from CP funds value contributed by beneficiaries

Dated 8/11/1954. 8/11/54

S. Bhanuji
Designation. Supr

(SD) Z.A Chaffar AE

Certified that I have examined the work from time to time whilst in progress and that it has been executed in a substantial and satisfactory manner as regards materials and workmanship and that it corresponds with the exemption noted above with the sanctioned plan and estimate.

Ho Mangalore 2/2/54 Asst.

Project Executive Officer, 2-2-54 Mangalore.

Dated 19 Designation.

75,452—19-11-52.

OM

THE

O

THE

Madras.

Dated } 19
Despatched }

Bill No. of 19 -19

Work :—Estimate No. for

Authority—

How executed { Contract / Piece-work / Daily labour

No. and page of the Measurement Book in which the items are recorded.

Instructions.

This form should be submitted to with the progress report of the month in which the completion of the work is reported, care being taken that the entries in it agree with the entries in the progress report and in the Measurement Book and with the vouchers submitted.

2. It should exhibit clearly any deviation made from the sanctioned estimate and the purpose for which the amount provided under Contingencies has been utilized. The total amount payable on the work turned out, the sum actually *paid* and 15 per cent deductions withheld should be indicated.

3. The officer in paragraph 1 should check the details when he passes the work correcting, if necessary, the quantities entered under column "AS EXECUTED" in red ink. He should also see whether the entries in the report accord with those in the Measurement Book and the Nominal Roll.

4. After the work is passed the officer in paragraph 1 will sign the certificate at the foot of the form with any remarks he may have to offer and despatch the report with the sanctioned estimate forthwith to the Board. *Facsimile* signatures should not be used in the certificate.

5. In the case of maintenance work as upkeep of platforms and the like in the Salt Department, the officer in paragraph 1 must see that the sanctioned scale has been adhered to and that the allotment has been properly utilized.

1) Certified that the work has been completed as per sanctioned detailed plan and all the authorised deviations have been noted in red ink.

2) Certified that no materials are over-handed from the Contractor in this bill.

3) Certified that no fuel has been issued to the Contractors in this bill.

S. Bhavanji Rao
Supervisor C P

C.F. 296.

8/11/54

Name of work — Workshop for construction of foot bridge Estt. 2350 Sanction No. M/1551/

Provision of Electric Overhead Travelling Crane

ESTIMATE FORM.—Comparative Statement of Differences.

P.W.D. V-18 (inner)) 64,179—3-6-49.

Description of work. (1)	Item No. (2)	Original estimate. Quantity. (3)	Rate. (4)	Amount. (5)	Revised estimate. Quantity. (6)	Rate. (7)	Amount. (8)	More. (9)	Less. (10)	Explanation of difference (11)
			RS.	RS.		RS.	RS.			
Earth work excavation in all sorts except in Rock requiring blasting including cutting Roots										
Cutt Earth including filling in Sides	1	2500 Cft	21-6-0	54-0-0	1561 Cft	21-6-0	33-0-0	-	21-0-0	Found sufficient clearance excavated
Blasting removing and Disposing the necessary	—	—	—	—	51 Cft	25-0-0	13-0-0	13-0-0	-	Necessary for [illegible] Payment
Cement Concrete 1:4:8 mixed 1½" size hand mixed	2	225 Cft	102-0-0	230-0-0	134 Cft	102-0-0	142-0-0	—	88-0-0	Found Sufficient clearance excavated
Rubble masonry in CM 1:4	3	1000 Cft	89-6-0	893-0-0	7816 Cft	89-6-0	697-0-0	—	196-0-0	— do —
Rough plain plastering for Inside	4	200 Sft	3-0-0	6-0-0	200 Sft	3-0-0	6-0-0	—	—	Work to be billed for
Earth Concrete lower wrought cast Iron	5	75 Cft	11-0-0	825-0-0	486 Cft	11-0-0	486-0-0	—	339-0-0	Found sufficient clearance excavated
Supplying and Fixing R.S. Joists of 7"x4"—0" lbs long		—	—	—	4 No	60-0-0	240-0-0	240-0-0		Necessitated instead of wooden joists
Painting with Coal Tar 2 coats	6	800 Sft	4-12-0	38-0-0	1265 Sft	4-12-0	56-0-0	18-0-0		Found Sufficient.
Painting with Red Oxide paint for R.S. Joists	-	—	—	—	170 Sft	1-0-0	12-0-0	12-0-0		Necessitated on account of using R.S. Joists
Supplying and fixing Holding down bolts 2"x2"x2½"	7	8 No	2-0-0	16-0-0	8 No	2-0-0	16-0-0	—	—	— do —
3½" dia										
Extra for Building cast iron steam Engine	8	2 No	5	100-0-0	6 No	25-0-0	—	75-0-0		Found sufficient clearance provided for Engine
Pulley Supplying Charging & Carriage Charges	9	L.S	—	114-0-0	L.S	Nil		114-0-0		Necessary only fully Superintendence no charges incurred
Supplying cast Iron Spigot		L.S	—	20-0-0	70 No	0-12-0	18-0-0	2-0-0	850-00	Found sufficient clearance
				1250			1794	1728		

P.T.O.

P.W.D. V-18 (inner)—64,179—3-6-49

ESTIMATE FORM.—Comparative Statement of Differences.

Description of work. (1)	Item No. (2)	Original estimate. Quantity. (3)	Rate. (4)	Amount (5)	Revised estimate. Quantity. (6)	Rate. (7)	Amount. (8)	More. (9)	Less. (10)	Explanation of difference. (11)
			RS.	RS.		RS.	RS.			
Original estimate			Sanctioned Estimate				Rs 2354/-			
Work Slip			Revised estimate				Rs 2354/- 1725/-			

Sd/- Illegible
Superintending Engineer
Mangalore
21/8/53

Sd/- Illegible
10/8/53
Asst. Engineer Gr I.

Approved for Rs 1725/-
(Rupees One Thousand Seven hundred and twenty eight only)

O/C
D/S (C.P.)
24-53

23/9

Construction of a foot bridge at Pathanapuram Village
Est 2350/-

Calculation Sheet for the designs of I Section R.S beam replaced in the place of Wooden Beam

3)

clear span 15'-0"
& effective span 16'-0"

Propose a beam of Section 7½"x4"

1) Dead load due to the wooden decking $16 \times \frac{1}{6} \times \frac{7}{2} \times 50 = \frac{1400}{3} =$ 467 lbs
2) Live load 15'-0" x $\frac{7}{2}$ x 80 = 4200 lbs
3) Self weight of the beam @ 11 lbs / ft 34 x 16 = 544 lbs
wt of Hand Rails Posts etc 13
Total 5230 lbs

Load on one beam $\frac{5230}{2} = 2615$ or 1.17 Tons

Safe distributed load in Tons as per British Standard Beam for a span of 16 ft and Section 7"x4" } 3.2 against 1.17 Tons

Hence the Section proposed is Safe

S. Bhaskaran Nair
Superintending Engineer
2/61 (B)

Q a Foot bridge at Pachewadi

Quantity	Description of wor	Rate.			Per.	Amount.			Total.
		RS.	A.	P.		RS.	A.	P.	
1) 100 ft	Blasting and removing hard granite measured in its solid S.M. @ 6 S	25	0	0	100 ft	25	0	0	
2)	Supplying and fixing RS beam 7" x 4" size in Pachwa								
27½ lbs	one beam 7" x 4" size : 27½ lbs two plates 6" x 6½" @ 8 lbs 280 lbs								
280 lbs	Cost of beam	0	2	6	lb	43	12	0	Local purchase
	Local hire charges from Mangaon & back by M R Cart 1 mile @ Headquarter								
	Four Sawers @ 5-2-6								
	6 Extra helpmen @ 0-3-9/man-day								Carpenter wages
	10 men @ 1-6								
	2 men @ 1-4								
	8 Labourers @ 1-0								
	Fixing in position Charges	27	1	0	100	7	13	0	
						RS	7	0	
							60	0	
							52	60	
3)	Painting with Rock brand 2 coats								59 15 8
5 lbs	Ready mixed Paint	0	12	6	lb	3	14	6	
1 No	Painter	2	12	0	each	2	12	0	
SL	Sundries including Brush & Soap Pulliger					RS	5	6	
							7	0	7-0

S. B. [illegible]
Supervisor

P.T.O

P.W.D. V-39—17 205—20-1-53.

Data sheet to accompany the estimate for _____

Quantity.	Description of wor	Rate.	Per.	Amount.	Total.
		RS. P.		RS. P.	

Certified that the Rates allowed for the various items of work, Holding down bolts and spikes are the lowest rates prevailing in the local market

S. Bhanuji Rao
Supervisor
Mangalore

Executive Engineer
13/8/57
P.W.D.

DETAILED ESTIMATE.

District South Kanara — Taluk Mangalore

Village and Survey — Date and cost of original construction

Name and number of work — Date and cost of last repairs

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1) Earth work Excavation in all sort excepting Rock requiring blasting in foundation for Left abutment including cutting drains & Soil	1	8'0"	5'-0"	4'0"	360 cft	
for Central Pier in Foundation	1	11'0"	5'6"	4'-0"	242 cft	
for do — Right Pier in Foundation	1	11'0"	3'0"	1'0"	33 cft	
for Right abutment including cutting drains from Rock portion	1	9'6"	7'6"	15'0"	926 cft	
					1561 cft	= 156 cft
2) Cement Concrete 1:4:8 using 1½" Size metal						
for foundation of Left abutment	1	7'0"	4'0"	0'8"	14 cft	
for Central Pier	1	11'0"	3'0"	1'6"	50 cft	
for Right abutment	1	9'6"	7'6"	1'0"	71 cft	
Extra for Steps	1	2'0"	2'0"	1'0"	4 cft	
					139 cft	= 139 cft
3) Blasting hard Rock requiring & cutting for the foundations as required.						
Extra over Earth work for foundation of Left abutment & Central Pier	1	6'0"	4'0"	3'3"	85 cft	
excavation 40% for Voids	1	6			34	
					51 cft	51 cft
4) Random Rubble masonry in Cement mortar 1:4						
for Left Abutment	1	6'-0"	5'-3"	9'0"	149 cft	
for Right abutment including cutting	1	8'0"	6'3"	1'0"	48 cft	
— do — 2nd Footing	1	7'0"	5'0"	1'0"	35 cft	
for Top of Right abutment	1	6'0"	3'-6"	12'0"	21 cft	
for Central Pier including Steps	1	9'6"	4'0"	1'3"	38 cft	
for — do — 2nd footing	1	8'6"	3'0"	1'-0"	26 cft	
for — do — for 1st top part	1	6'0"	2'0"	12'0"	144 cft	
— do — 2nd Footing	1	6'0"	2'0"	2'0"	24 cft	
for Steps Portion	2	4	5'-0"	1'2"	120 cft	
— do — 2nd Footing	2	4'0"	4'0"	0'6"	16 cft	
					765 cft	= 765 cft

Details of work.	Number.	Measurement in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
Rough Slate dry pointing 1/2" thick						
For Rivetheads	4	4'0"	11'0"	1'0"	176 sft	
Extra for bevel				45	200	200 sft
Beam - Covering wood						
Port -	6	2'6"	0-3"	0-3"	1.88 sft	
Slant -	6	2'6"	0-3"	0-3"	1.88 sft	
Top head Plates	2	35'0"	0-3"	0-2"	2.42 sft	
Cantilever Plates	2	3'0"	0-3"	0-1½"	1.46 sft	
Keels	2	35'0"	0-3"	0-3"	4.38 sft	
Extra for water fusion pointing	2	35'0"	0-3"	0-2"	2.92 sft	
Extra for R.S heads	1	35'0"	0'2"	0-3"	2.63 sft	
Rivetheads					2.50 sft	
Extra for with pointing		1'6	0'10"	0-2"		44.19 sft
Lapping R.S Joints 7"x4" same 12'0" lining						
R.S Joints 7"x4"					4 sft	
Lining Under Cover Two Coats						
Port -	5	2'6"	1'9"	—	30 sft	
Slant	6	2'6"	2'0"	—	30 sft	
Top head Plates	2	35'0"	0-10"	—	58.5 sft	
Cantilever Plates	2	35'0"	7"	—	11 sft	
Keels	2	35'0"	1'0"	—	70 sft	
For Extra Coats for pointing	2	35'0"	1'0"	—	70 sft	
Planting for pointing	5	35'0"	9'-4"	—	327.5 sft	
Rivetheads					626.5 sft	626.5 sft
Painting joints Each Extra and 2 Coats for R.S Joints						
R.S Joints	4	17'0"	2'1"	—	170.5 sft	170.5 sft
Lapping and Joining Two Coats Extra	170	Lining Same Under			2'0" Lap 3½"	
Rivetheads Planting	4x2	—			8 sft	
Extra for bedding and Double coats, Extra					L.S	
Lapping Cleaning					L.S	
	35x2				70 sft	

Abstract Estimate.

I.F. 130. (2).

Quantity. (1)	Description of work. (2)	Item number in the schedule of rates. (3)	Rate. (4) Rs.	A.	P.	Per (5)	Total. (6) Rs.	A.	P.	Amount. (7) Rs.	A.	P.
156 cft	Earthwork Excavation in cell Ajmir ordy soft Rock requiring blasting [illegible] filling [illegible] with sanded Ryl		24	1	0	100 cft	33	5	0	33	5	0
139 cft	Cement Concrete 1:4:8 [illegible] mixed		102	0	0	100 cft	141	12	0	142	0	0
768 cft	Random Rubble masonry in C.M 1:4		89	4	0	100 cft	685	0	0	685	0	0
781 cft	Rough Stone Revetment		30	0	0	100 cft	60	0	0	60	0	0
1200 cft	Filling in [illegible]		11	0	0	100 cft	486	10	0	486	0	0
4 Nos	Supplying and fixing R.S. Joists 5"x4"		100	0	0	1 No	29	11	0	30	0	0
621 sft	Turning [illegible] Wood for 2 coats		4	12	0	100 sft	11	9	0	12	0	0
1708 sft	Painting with [illegible] Paint 2 coats		7	0	0	100 sft	16	0	0	16	0	0
8 Nos	Supplying and fixing Tracing cloth [illegible]		4	0	0	1 No	3	0	0	25	0	0
66	Extra for [illegible]									25	0	0
25	Daily Supervising Charges									437		
51 cft	Excavating [illegible] and filling for [illegible]		25	0	0	100 cft	12	12	0	13	0	0
70 Nos	Supplying and fixing Spikes		0	4	0	1 No	17	8	0	18	0	0
	Supervision charges at 5 per cent.											
										1855	12	0

no dept expenditure is carried

Grand total, Estimate — 1855 12 0

1128 1/-

Divisional officer (or other countersigning officer to be named).

Signature and designation of the officer submitting this estimate.

Sanctioned for 19 -19 .

10/8/13

Collector or other sanctioning officer (to be named).

Tahsildar or other officer (to be named).

Specification

C.F. 150 (2)—342,006—24-10-51.

District Srikakulam

Taluk Mandasa

Village No. Pallamanasi

Name of Work No. Work of Slip protection to the Embankment of Left bank under Pallamanasi village Oregunta Cut Bund in G.O.Ms.No. 290/I & CAD dt 9-8-52

ESTIMATE ABSTRACT.

Budget head

Main head

Sub-head

Amount of estimate 17281=
1855
18371-8-0

Sanction number and date

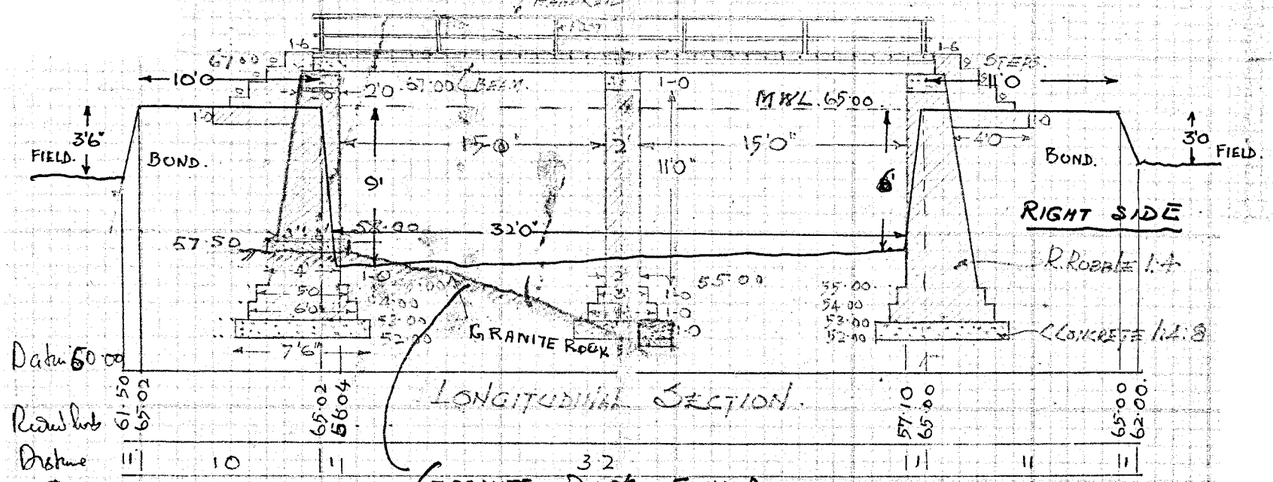
To be carried out by

Agn 1110 10/8/53

9

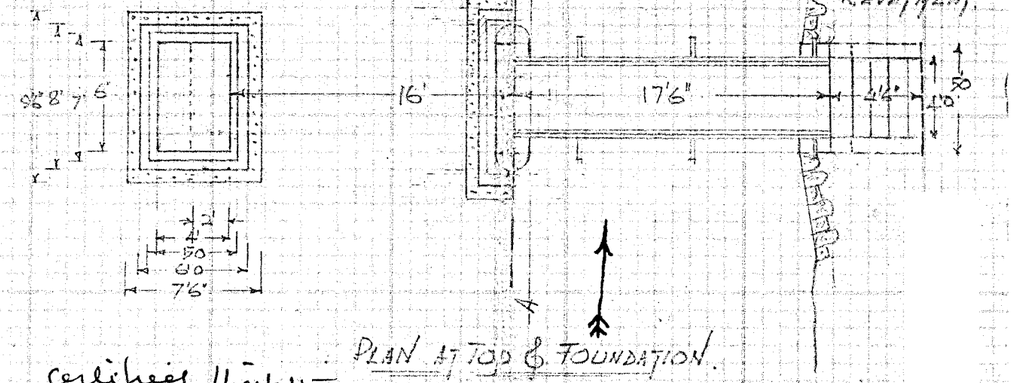
Plan & Type Proposed Foot Bridge at Pachilad.

SCALE 1/100.



LONGITUDINAL SECTION.

GRANITE ROCK FOUND DURING EXCAVATION.



PLAN AT TOP & FOUNDATION.

Certified that the work has been executed as per Sanctioned deviation Plan and all the authorised deviation have been noted in Red ink

25.10.52 Supdg Engineer

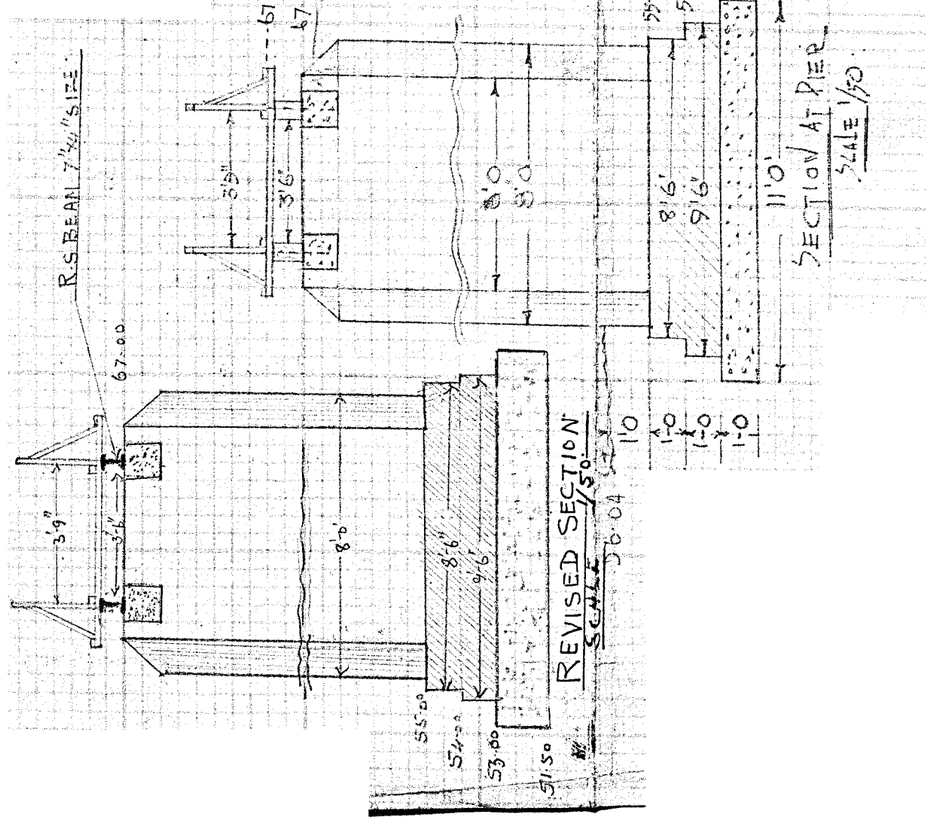
S. B. Chaugule Supdg Engineer

Asstt Engr Mangalore.

7/11/53 J.E. 6/11/53

REFERENCE

Clear Span - 15'0 - 2 No.
Clear Width 3'0"
Decking 4-6 long 2"
Posts 2-6 x 0.3 x 0.3"
Top Rail 3" x 2"
Beam - 7"x9" 1
Struts 3"x3"
Kerb 3"x5"
Central Rail 3"-12"



Agri (CP Audit)

C No 7976/53

Sub:- Cps- S.K. Area- Communications - Construction of a foot-bridge at Pachanady Village- Completion report

p15 cf

Ref- From the PEO. Mangalore C No 84/53B dt 2-2-54

Please see the letter from the PEO. Mangalore at p15 cf enclosing a copy of the Completion report and plan as Completed for the work of Constructing a foot-bridge at Pachanady. The work was first sanctioned in GO M/S No 290 Pub(CP) dated 4-2-53. The estimated cost was Rs 2350/- and Sanction was accorded to an expenditure of Rs 1550/. During the Course of execution the PEO found certain deviations necessary and accordingly Submitted a revised estimate. As the deviations only went to reduce the cost of the work, the deviations were approved as a work slip. The PEO while asking for sanction to the deviations had requested permission to Spend 2/3 of the value of work done as originally proposed by him This was also approved.

p17 cf
Rep below

at (F)

p5 cf
p13 cf
& p5 cf

p14 cf

The Completion report follows closely the work slip already approved. The total value of work done is Rs 1727-0-0 and a sum of Rs 1151-5-0 has been Spent from CP. funds The Completion report is in order and may be accepted

The papers may be lodged and added to G.O at (F)

15-2-54

17/5